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#### FACSIMILE COVER SHEET

Date: July 30, 2003

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Re: Patent Application Serial No. 09/895,678

Our Reference: NOVEP008

Filed: June 29, 2001

Applicant: John Stephen Drewery

METHODS FOR ELECTROPLATING LARGE COPPER INTERCONNECTS For:

Pages Including Cover Sheet: 7

United States Patent & Trademark Office Receiver:

**Examiner Roberts Culbert (AF)** 

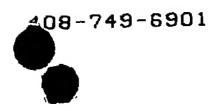
## URGENT \*PLEASE HAND DELIVER IMMEDIATELY

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Ladies and Gentlemen:

Please see attached courtesy copy of Response to Office Action which was mailed to the USPTO on July 2, 2003.





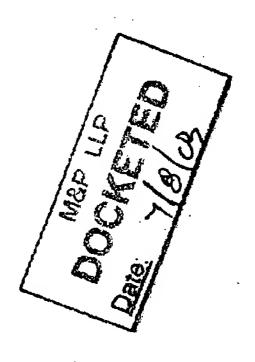
### PATENT POSTCARD

| Docket No. NOVEP008 Appln. No. 09/895,678 Date: July 2, 2003 |  |  |  |  |  |  |
|--|--|--|--|--|--|--|
| By: EHM:ds Filing Date: June 29, 2001 Express Mail No.:      |  |  |  |  |  |  |
| Inventor: John Stephen Drewery                               |  |  |  |  |  |  |
| Title: METHODS FOR ELECTROPLATING LARGE COPPER INTERCONNECTS |  |  |  |  |  |  |

The following has been received in the U.S. Patent & Trademark Office on the date stamped below:

- Response to Office Action Transmittal Sheet (in duplicate)
  Response to Office Action (4 pages)







**PATENT** 

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| In re application of:  John Stephen DREWERY  Application No. 09/895,678  Filed: June 29, 2001 |  |  |  | Attorney Docket No. NOVEPUU8   |  |  |  |
|---|--|--|--|--|--|--|--|
|   |  |  |  | Examiner: Roberts P. Culbert  Group Art Unit: 1763   |  |  |  |
|   |  |  |  |  |  |  |  |
|   |  |  |  | For: METHODS FOR ELECTROPLATING LARGE COPPER INTERCONNECTS   |  |  |  |
|   |  |  |  | I hereby certify that this<br>United States Postal Ser<br>for Patents, Alexandria,   | correspond   | F MAILING lence is being deposited with the st Class Mail to: Commissione 1450 on July 2, 2003.    |  |
|   |  |  |  | Signed:Diane   | Schwanbeck   | k  |  |
|   | ner for Patents<br>VA 22313-145  |  | Yqc  | ·  |  |  |  |
| Applic  | cant hereby tran   | smits a Respo  | nse to Office A  | Action in the above-ider   | ntified an   | oplication.  |  |
|   | e has been calc  | -  |  |  |  |  |  |
| THE TE  |  | niauca as silow  | il ociow.  |  |  |  |  |
|   | Claims   | YY:=1+   |  |  |  |  |  |
|   | Remaining<br>After<br><u>Amendment</u>   | Highest<br>Previously<br><u>Paid For</u>   | Present<br><u>Extra</u>  | SMALL ENTITY RATE FEE  | OR   | LARGE ENTITY RATE FEE  |  |
| POTAL<br>CLAIMS<br>NDEP   | 17 -   | _24  | _00  | X09 = \$   | OR   | X18 = \$   |  |
| CLAIMS  | 03   | _05  | 00   | X42 = \$   | OR   | X84 = \$   |  |
| ] Multiple Dependent Claim Present<br>and Fee Not Previously Paid                             |  |  |  | \$140  |  | \$280  |  |
|   | , , , , , , , , , , , , , , , , , , ,  |  | TOTAL  | \$   |  | \$ <u>0</u>  |  |
|   | Applicant be extension is the Commiss Deposit Acc Enclosed is a If the require response, ple | elieve that no ex<br>required, Appliance to charge<br>ount No. 50-08<br>our Check No.<br>and fees are miss<br>case charge such | ctension of time cant hereby pet the required fe 05 (Order No. I in the aming or any additional transfer or credit | onth extension of time to is required; however, if is itions that such an extension of time to NOVEP008).  Sount of \$ to cover tional fees are required to any overpayment to Deponent is enclosed. | t is deter<br>ion be gr<br>ne under<br>the exter<br>facilitate | mined that such an canted and authorize 37 CFR 1.136 to ension of time fees. e filing the enclosed |  |
|   |  | -  |  | pectfully submitted,   | T D  |  |  |

Edmund H. Mizumoto, Esq. Registration No. 46,938

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Response Under 37 C.F.R. § 1.116 **Expedited Procedure Examining Group 1763 PATENT** 

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| In re a | pplication of:  | )   |            |
|---------|---|---|------------|
| John S  | Stephen DREWERY                                       | ) Docket No. NOVEP008   |            |
| Appli   | cation No. 09/895,678                                 | ) Examiner: Culbert, Roberts P.   |            |
| Filed:  | June 29, 2001   | ) Group Art Unit: 1763  | وب<br>موسم |
| For:    | METHODS FOR ELECTROPLATING LARGE COPPER INTERCONNECTS | ) Date: July 2, 2003 # 9B NA<br>} 2/1/03  |            |
|         |   | CERTIFICATE OF MAILING  I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, Alexandria, VA 22313- | )          |

Signed:

1450 on July 2, 2003

# **RESPONSE TO OFFICE ACTION**

Commissioner for Patents Box AF Alexandria, VA 22313-1450

Dear Sir:

This paper is in response to the Final Office Action dated April 2, 2003, the shortened period for response extends to July 2, 2003. Please enter the remarks as follows:

Remarks begin on page 2 of this paper.